PCT/US 02/12066 - CITE NO. MN

A. CLASSIFICATION OF SUBJECT MATTER 207D401/12 C07D215/38 A61K31/44 A61K31/4709 A61K31/4725 A61K31/47 A61P43/00

According to International Patent Classification (IPC) or to both national classification and IPC

Minimum documentation searched (classification system followed by classification symbols) I PC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BEILSTEIN Data, WPI Data, EPO-Internal, CHEM ABS Data, PAJ

DOCUME	NTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
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Y	WO 99 32436 A (BAYER AG) 1 July 1999 (1999-07-01) see general definitions on pages 2-6, especially definitions of A, R4' and R5' and R3-6 as X-Y and examples.	1 1,2,4,5, 9-26
Y Y	WO 99 32106 A (BAYER AG) 1 July 1999 (1999-07-01) see description, pages 2-10 and examples WO 00 42012 A (RIEDL BERND ;LOWINGER TIMOTHY B (JP); DUMAS JACQUES (US); RENICK J) 20 July 2000 (2000-07-20) see description, pages 2-6, examples and claims 7,8	1,2,4,5, 9-26 1,2,4,5, 9-26
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Y Further documents are listed in the continuation of box C.	X Patent family members are listed in arriva.
Special categories of cited documents: "A" document defining he annext state of the art which is not considered to be of particular reviewance "E" earlier document but published on or after the international control of the contr	T* later document published after the international filting date close to understand the principle of theory underlying the close understand the principle of theory underlying the close understand the principle of theory underlying the invertible. "I document of periodical relevance: the claimed invertible includes a first invertible and in the art. "S' document member of the same planet samily Date of mailing of the international search report
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13 September 2002	
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 N.L 2280 F.V nijswijk, Tel. (431-70) 340-2040, Tx, 31 651 epo nf, Fax: (431-70) 340-3016	Scruton-Evans, I

PCT/US 02/12066 A61K31/4709 A. CLASSIFICATION OF SUBJECT MATTER 1PC 7 C07D213/40 C07D401/12 A61K31/44 C07D215/38 A61P43/00 A61K31/4725 A61K31/47 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system tollowed by classification symbols) IPC 7 C07D A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) BEILSTÉIN Data, WPI Data, EPO-Internal, CHEM ABS Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to cleim No. Citation of document, with indication, where appropriate, of the relevant passages 1 WO 99 32436 A (BAYER AG) Х 1 July 1999 (1999-07-01) 1,2,4,5, see general definitions on pages 2-6, 9-26 especially definitions of A, R4' and R5' and R3-6 as X-Y and examples. 1,2,4,5, WO 99 32106 A (BAYER AG) 9-26 Υ 1 July 1999 (1999-07-01) see description, pages 2-10 and examples 1,2,4,5, WO 00 42012 A (RIEDL BERND ; LOWINGER TIMOTHY B (JP); DUMAS JACQUES (US); RENICK J) 20 July 2000 (2000-07-20) 9-26 γ see description, pages 2-6, examples and claims 7.8 -/--X Patent family members are listed in annex. Y Further documents are listed in the continuation of box C.

Special categories of clied documents: *Ar document defining the general state of the art which is not considered to be of periodic reference *Considered to be of periodic reference *Considered to be of periodic reference *Considered to be about the periodic state of the international fling date *Considered which may show doubts on priority claim(s) or *Considered which may show doubts on priority claim(s) or *Considered to statisticit the publication date of articities *Considered to statisticities decisious, use, substitution or *Considered referring to an oral decisious, use, substitution or *Considered to the state of the st	To least documents published after the international filing date or provided and not not constitute with the application but original to understand the principle or beary undersying the invention. "A document of particular stream or samon the considered invention cannot be considered review or cannot be considered invention cannot be considered to particular relevance that the considered invention or considered to particular relevance; the claimed invention or document or considered to involve an invention is taken alone involved an invention or considered to involve an invention asset when the document is combined with one or more other such or considered to make the considered to make the considered with one or more other such soft ments, such combination being obtained as a peecin skilled in the art. "I document member of the same patent family	
pare of the actual completion of the international search	Date of mailing of the international search report	
13 September 2002	Authorized officer	
Name and mailing address of the ISA Suropean Patient Office , P.B. 5818 Patentlaan 2 NL - 2260 HY Rijswifk Tel. (-31-70) 340-3016 Fax: (-31-70) 340-3016	Scruton-Evans, I	